

## **California Weather-Hydro Conditions during November 2014**

As of November 30, statewide hydrologic conditions were as follows: precipitation, 70 percent of average to date; runoff, 50 percent of average to date; and reservoir storage, 55 percent of average for the date. Sacramento River Region unimpaired runoff, for Water Year 2015, observed through November 30, 2014 was about 0.8 million acre-feet (MAF), which is about 56 percent of average. In comparison to Water Year 2014, the observed Sacramento River Region unimpaired runoff through November 30, 2013 was about 0.7 MAF, or about 49 percent of average.

On November 30, the Northern Sierra 8-Station Precipitation Index Water Year total was 7.6 inches, which is about 82 percent of the seasonal average to date and 15 percent of an average water year (50.0 inches). During November, the total precipitation for the 8-Stations was 3.9 inches, or about 62 percent of average for the month. Last year on November 30, the Water Year 2013 seasonal total for the 8-Stations was 2.4 inches, or about 25 percent of average.

On November 30, the San Joaquin 5-Station Precipitation Index Water Year total was 3.3 inches, which is about 47 percent of the seasonal average to date and 8 percent of an average water year (40.8 inches). During November, the total precipitation for the 5-Stations was 3.1 inches, or about 66 percent of average for the month. Last year on November 30, the Water Year 2013 seasonal total for the 5-Stations was 1.9 inches, or about 27 percent of average.

Selected Cities Precipitation Accumulation as of 11/30/2014 (National Weather Service Water Year: July through June)					
City	Jul 1 to Date 2014 – 2014 (in inches)	% Avg	Jul 1 to Date 2013 – 2013 (in inches)	% Avg	% Avg “Water Year” Jul 1 to Jun 30 2014- 2015
Eureka	11.70	131	4.56	51	29
Redding	9.19	123	3.12	42	27
Sacramento	2.23	66	1.47	44	12
San Francisco	2.91	64	1.69	37	12
Fresno	1.09	58	0.58	31	9
Bakersfield	0.66	62	0.97	92	10
Los Angeles	0.85	43	0.74	38	7
San Diego	0.45	25	1.78	100	4

Key Reservoir Storage (1,000 AF) as of 11/30/2014								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	562	1,587	35	2,448	23	---	1,886
Shasta Lake	Sacramento	1,048	2,705	39	4,552	23	-2,204	3,504
Lake Oroville	Feather	910	2,138	43	3,538	26	-2,253	2,628
New Bullards Bar Res	Yuba	390	529	74	970	40	-406	576
Folsom Lake	American	278	468	59	977	28	-299	699
New Melones Res	Stanislaus	513	1,355	38	2,400	21	-1,457	1,907
Don Pedro Res	Tuolumne	756	1,320	57	2,030	37	-934	1,274
Lake McClure	Merced	77	450	17	1,032	7	-598	948
Millerton Lake	San Joaquin	175	219	80	520	34	-260	345
Pine Flat Res	Kings	119	371	32	1,000	12	-406	881
Isabella	Kern	45	156	29	568	8	-125	523
San Luis Res	(Offstream)	489	1,225	40	2,041	24	---	1,550

The latest National Weather Service Climate Prediction Center (CPC) long-range, 1-month precipitation outlook for December 2014, issued November 30, 2014, suggests above average rainfall for all of California.